

Name _____ Date _____ Hour _____

Distributive Property Day 1

Simplify each expression.

1. $8y + 2y$

2. $9m + 2m$

3. $13a + 7a$

4. $5x + x$

5. $d + 10d$

6. $z + z$

7. $8y + 2y + 3y$

8. $9m + 2m + 3m$

9. $13a + 7a + 2a$

10. $k - k$

11. $10b - b + 1$

12. $9ab + 8ab - 7ab$

13. $6x + 3y + 6x$

14. $3xy + 2xy - xy$

15. $18 + 7x - 12 + 5x$

16. $5(x + 2y) + 6x$

17. $5(r + 2) + 7$

18. $x + 5x + 8(x + 2)$

19. $4(x + 2) + 3(x + 5)$

20. $8(r + 15) + 7(2r + 10)$

21. $4(m + 7n) - 9m$

$$22. 2(r + 3) + 3(r + 7) - 10$$

$$23. 12(c + 3d + 4f) + 2(2c + d + 6f)$$

$$24. 5 \bullet 4a + 6(5a + 12)$$

$$25. 4 \bullet 8 + 9(3a + 5) + 8(2a + 1)$$

$$26. 4 \bullet 3a + 2(a + 6b)$$

$$27. 10r + 100s + 50(2r + 8) - 27s + 1$$

$$28. 9[5 + 3(x + d)]$$

$$29. 3[9(x + 4) + 2(x + 1)]$$